

Title (en)
Clipping detection device and method

Title (de)
Schneiderkennungs Vorrichtung und -verfahren

Title (fr)
Procédé et dispositif de détection de coupure

Publication
EP 2150002 A3 20131218 (EN)

Application
EP 09006997 A 20090526

Priority
JP 2008196639 A 20080730

Abstract (en)
[origin: EP2150002A2] A clipping detection device calculates an amplitude distribution of an input signal for each predetermined period, calculates a deflection degree of the distribution on the basis of the calculated amplitude distribution, and then detects clipping of a communication signal on the basis of the calculated deflection degree of the distribution.

IPC 8 full level
H04L 1/20 (2006.01); **G10L 25/51** (2013.01); **H03G 3/00** (2006.01); **H03G 9/00** (2006.01); **H03M 1/10** (2006.01)

CPC (source: EP US)
G10L 21/02 (2013.01 - EP US); **H03G 3/002** (2013.01 - EP US); **H04L 1/20** (2013.01 - EP US)

Citation (search report)

- [XA] GB 2407012 A 20050413 - MOTOROLA INC [US]
- [IA] EP 1669978 A1 20060614 - SAMSUNG ELECTRONICS CO LTD [KR]
- [A] EP 1033817 A1 20000906 - NIPPON COLUMBIA [JP]

Cited by
CN108389590A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2150002 A2 20100203; EP 2150002 A3 20131218; EP 2150002 B1 20160210; JP 2010035001 A 20100212; JP 5239594 B2 20130717; US 2010030555 A1 20100204; US 8392199 B2 20130305

DOCDB simple family (application)
EP 09006997 A 20090526; JP 2008196639 A 20080730; US 47023309 A 20090521